

Gp 12816

**PATENT**

Atty. Docket No. 554-267 (Lin 9)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

GROUP ART UNIT : 2816  
EXAMINER : Unknown  
APPLICANT(S) : Jenshan Lin  
SERIAL NO. : 09/877,900  
FILED : June 8, 2001  
FOR : ACTIVE BALUN CIRCUIT FOR SINGLE-ENDED TO  
DIFFERENTIAL RF SIGNAL CONVERSION WITH  
ENHANCED COMMON-MODE REJECTION

Dated: September 6, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicant's duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

**RECEIVED**

SEP 18 2001

Technology Center 2600

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, postpaid in an envelope, addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

on September 6, 2001

Dated: 9/6/01

  
George Likourezos

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

- ☒ [X] This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ [ ] This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application.
- ☒ [X] To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.

- ☐ Enclosed herewith is a certificate under 37 C.F.R. §1.97(e).
- ☐ Enclosed herewith is a petition under 37 C.F.R. §1.97(d)(ii).
- ☐ Enclosed by check is the petition fee of \$130.00. 37 C.F.R. §1.17(i)(1))
- ☐ Please charge the \$130.00 petition fee to Deposit Account No. 04-1121.
- ☐ Enclosed by check is the \$180.00 fee required by 37 C.F.R. §1.17(p).
- ☐ Please charge the \$180.00 fee required by 37 C.F.R. §1.17(p) to Deposit Account No. 04-1121.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 04-1121. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

DILWORTH & BARRESE

**DILWORTH & BARRESE**  
**333 Earle Ovington Blvd.**  
**Uniondale, NY 11553**  
**(516) 228-8484**  
**(516) 228-8516 (FAX)**

By:



George Likourezos  
Registration No. 40,067  
Attorney for Applicant(s)

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

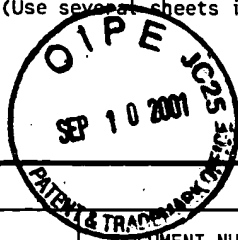
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SERIAL NO.

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)



APPLICANT

JENSHAN LIN

FILING DATE

June 8, 2001

GROUP ART UNIT

2816

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

			<u>Novel Active Differential Phase Splitters in RFIC for Wireless Applications</u> , by Huainan Ma, Sher Jiun Fang, Fujiang Lin and Hiroshi Nakamura, IEEE Transactions On Microwave Theory And Techniques, Vol. 46, No. 12, December 1998
			<u>A Novel HBT Active Transformer Balanced Schottky Diode Mixer</u> , by Kevin W. Kobayashi, 1996 IEEE MTT-S Digest, pgs. 947-950
			<u>Digital cellular telecommunications system (Phase 2+); Radio transmission and reception (GSM 05.05 version 5.5.1)</u> , by European Telecommunications Standards Institute (ETSI), Third Edition, January 1998, pgs. 1-50

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.